

CLAIMS OF THE INVENTION

WHAT IS CLAIMED IS:

1. A grill unit comprising:

a supporting structure comprising a plurality of individual modular units, each modular unit comprising a frame, said frame comprising a plurality of interconnected elements generally defining a perimeter of said unit and an open interior and a covering extending over at least a portion of said frame, said covering enclosing at least a portion of said frame and said interior, said modular units connected to one another to form a unitary structure, at least one of said frame elements of each modular unit configured for mating with a corresponding frame element of an adjacent modular unit, said frame elements of said modular units defining a generally contiguous front, top and rear of said grill unit when said modular units are connected, at least one of said grill units supporting a grill.
2. The grill unit in accordance with Claim 1 wherein each frame comprises at least one upwardly extending front support, said front support having at least one aperture for accepting a fastener connecting front supports of adjacent modular units.
3. The grill unit is accordance with Claim 1 wherein said grill comprises a cooking unit having one or more burners.
4. The grill unit in accordance with Claim 1 wherein said modular units are mounted in side-by-side configuration.

5. The grill unit in accordance with Claim 4 wherein each modular unit has a pair of sides, said frame of each modular unit at sides which are connected being uncovered.

6. The grill unit in accordance with Claim 4 wherein two of said modular units comprise end units, said end units having a outer covered side and an inner uncovered side of said frame, said uncovered side connected to a corresponding uncovered side of another of said modular units.

7. The grill unit in accordance with Claim 5 including a coating applied to said covering.

8. A method of constructing a modular unit of a grill assembly comprising:
providing a first jig, said first jig having a generally planar support surface and a plurality of stops connected thereto;
positioning a plurality of frame elements upon said first jig in a predetermined configuration, the position of said frame elements defined at least in part by the position of said stops;
connecting said frame elements to one another to form a side frame;
providing a second jig, said second jig configured to accept said side frame;
positioning said side frame on said second jig;
connecting a covering to said side frame, said covering extending over at least a portion of said side frame; and
connecting two side frames with one or more cross-pieces, said cross-pieces spacing said side frames from one another.

9. The method in accordance with Claim 8 wherein a first side frame is constructed with a first and a second jig and a second side frame is constructed with a third and a fourth jig and said first and second side frames are connected to one another.

10. The method in accordance with Claim 8 wherein said first side frame comprises a front of said modular unit and said second side frame comprises a rear of said modular unit.

11. A handle for a grill structure comprising:

a body, said body having a central section located between a pair of ends, said ends curved away from said central section, each end defining a generally planar surface facing in a first direction for connection to a lid of a grill, said body having an outer surface, a slot formed in said outer surface facing in a second direction generally opposing said first direction, said slot being generally rectangular in cross-sectional shape and extending along a length of said central section.

12. The handle in accordance with Claim 11 wherein said ends of said handle are connected to a metal lid of a grill.

13. The handle in accordance with Claim 11 wherein said body is constructed of metal.

14. The handle in accordance with Claim 11 wherein said body has a generally cross-sectional shape.

15. A burner for a grill unit comprising:

a burner conduit, said burner conduit being generally “U” shaped, having a first leg and second leg, said legs spaced from one another, said conduit having a plurality of apertures formed therein; and

a delivery conduit, said delivery conduit having a central section having a first inlet end and an opposing end, a first arm and a second arm, said first and second arm extending outwardly from said central section generally opposite one another along said central section from said first end, said first arm connected to said first leg of said burner and said second arm connected to said second leg of said burner.

16. The burner in accordance with Claim 15 wherein said apertures are generally formed in a first side of said burner conduit and including a diverter plate extending over at least a portion of said burner conduit and spaced from said apertures.

17. A rotisserie for a grill comprising:

a spit, said spit having a first end and a second end;

a support rollably supporting said first end of said spit, said support connected to a portion of said grill;

a spit drive driving said second end of said spit, said spit drive including a drive element and a drive transmission, at least a portion of said drive transmission located in a housing, said drive transmission including a socket for accepting said second end of said spit, whereby when said drive element drive said drive transmission, said drive transmission rotates said second end of said spit,

and said first end of said spit correspondingly rotates upon said support.

18. The rotisserie in accordance with Claim 17 wherein said drive element comprises an electric motor.

19. The rotisserie in accordance with Claim 17 wherein said drive transmission includes a first gear and a second gear, said first gear connected to said second gear with a drive element.

20. The rotisserie in accordance with Claim 19 wherein said drive element comprises a chain.

21. The rotisserie in accordance with Claim 20 wherein said first and second gear and said chain are located in said housing.

22. The rotisserie in accordance with Claim 21 wherein said first and second gear are rotatably mounted upon a gear support located in said housing.

23. The rotisserie in accordance with Claim 19 wherein said second gear is located vertically above said first gear.

24. The rotisserie in accordance with Claim 19 wherein said socket is connected to said second gear.

25. The rotisserie in accordance with Claim 24 wherein said second gear is located in said housing, and said socket extends through an opening in said housing.

26. The rotisserie in accordance with Claim 17 wherein said housing comprises a hollow side wall of a grill.

27. A warming tray for use in a grill comprising:
a generally planar support having a top and a bottom, a front edge and rear edge and a pair of sides, said rear edge defined by an upturned lip, said lip extending upwardly and inwardly towards said front edge.

28. The warming tray in accordance with Claim 27 wherein said lip defines an inner surface and an outer surface, at least a portion of said outer surface configured to engage an inner surface of a lid of said grill when said warming tray is located therein.

29. A burner lid for use in selectively covering a burner of a grill when said burner is not in use, said burner mounted to a support structure, comprising:

a lid body, said lid body configured to cover said burner when positioned thereover, said body having a first side and a second side, a first elongate slot formed in said first side and extending therealong, a first pin connected to said support structure and extending into engagement with said first slot, a second elongate slot formed in said second side and extending therealong, said second pin connected to said support structure and extending into engagement with said second slot,

whereby said body of said lid may be pivoted upwardly from a position in which it extends over said burner to a position in which it is raised from said burner, and wherein said lid body may be slid along said first and second pins until said body is recessed from said burner.

30. A leveling foot for use in leveling a modular unit of a grill structure constructed from a plurality of assembled modular units, each modular unit comprises a frame with a covering, said frame including at least two frame elements defining a lower portion thereof, said at least two frame elements connected to one another and extending perpendicular to one another comprising:

a body, said body comprising a central mounting section having a first end and a second end, said ends extending along lines which intersect generally perpendicular to one another, a first leg extending downwardly from said first end of said central mounting section and a second leg extending downwardly from said second end of said central mounting section, a first tab extending outwardly from said first leg and a second tab extending outwardly from said second leg, said first and second mounting tabs extending in a plane generally parallel to plane containing said central mounting section, whereby said first and second tabs may be connected to said frame elements and said central mounting section spans a space between said frame elements;

a stud, said stud connected to said central mounting second of said body;

a pad, said pad connected to said stud;

said stud movable with respect to said central mounting section from a position in which said pad is retracted to a position in which said pad is extended away from, said body.

31. The leveling foot in accordance with Claim 30 wherein at least a portion of an outer surface of said stud is threaded and engages mating threads associated with said central mounting section.